

Converting Colors

Yxy(47.1141, 0.3208, 0.5115)

Have a look what the booklet for
Yxy(47.1141, 0.3208, 0.5115)
contains.

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Color

Yxy(47.1099, 0.3205, 0.5111)

Conversions

Conversions Part 1

Format	Color
Hex	6ECC52
RGB	110, 204, 82
RGB Percent	43%, 80%, 32%
CMY	0.5688, 0.2000, 0.6784
CMYK	0.46, 0.00, 0.60, 0.20
HSL	106°, 54%, 56%
HSV	106°, 60%, 80%
XYZ	29.5416, 47.1099, 15.5220
YIQ	161.9860, -16.8620, -57.8700

Conversions

Conversions Part 2

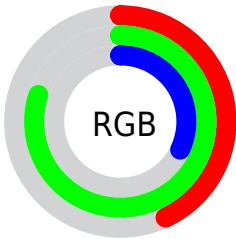
Format	Color
RYB	82, 204, 176
Decimal	7261266
CIELab	74.26, -50.36, 51.14
CIELCh	74, 71.777, 134.560
Yxy	47.1099, 0.3205, 0.5111
Android (android.graphics.Color)	4285451346 (0xFF6ECC52)
YUV	161.9860, -39.4331, -45.5917
Hunter-Lab	68.6367, -43.2867, 34.6374

Details

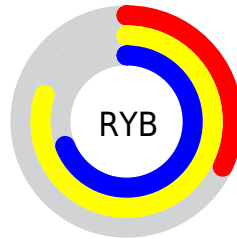
The Yxy color **47.1099, 0.3205, 0.5111** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **19.6379, 0.2876, 0.1774**, and the grayscale version is **36.3142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4848, 0.3236, 0.4703**, and **22.2521, 0.3128, 0.5677** is the 20% darker color. If you saturate the color by 10%, you get **45.9256, 0.3189, 0.5406**, and if you desaturate by 10%, it is **48.5697, 0.3210, 0.4786**.

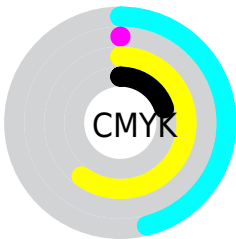
Distribution



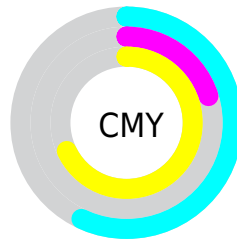
- Red (43%)
- Green (80%)
- Blue (32%)



- Red (32%)
- Yellow (80%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)





- Cyan (57%)
- Magenta (20%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1099, 0.3205, 0.5111 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 47.1099, 0.3205, 0.5111 by changing the saturation by 10% instead.


 47.1099, 0.3205,
0.5111


 47.1099, 0.3205,
0.5111


375.2530, 0.3223,
0.4145

 33.1225, 0.3178,
0.5360


 85.8776, 0.3227,
0.4752

 22.2203, 0.3128,
0.5679


 111.4268, 0.3231,
0.4619

 14.0189, 0.3035,
0.6096


 141.5987, 0.3232,
0.4508

 8.1338, 0.2869,
0.6676


 176.7778, 0.3231,
0.4413

 4.1807, 0.2537,
0.7463

 217.3483, 0.3230,
0.4332

 1.7751, 0.1325,
0.8675

263.6948, 0.3228,

 0.4716, 0.0000,

0.4261

1.0000

316.2016, 0.3225,
0.4200

■ 0.0000, 0.0000,
0.0000

■ 47.1099, 0.3205,
0.5111

■ 47.1099, 0.3205,
0.5111

■ 45.9256, 0.3189,
0.5406

■ 48.5697, 0.3210,
0.4786

■ 44.9927, 0.3162,
0.5649

■ 50.3150, 0.3204,
0.4452

■ 44.2930, 0.3125,
0.5824

■ 52.3629, 0.3191,
0.4126

■ 43.7967, 0.3084,
0.5932

■ 54.7271, 0.3173,
0.3819

■ 43.7882, 0.3083,
0.5934

■ 57.4205, 0.3151,
0.3538

■ 60.4553, 0.3127,
0.3285

■ 63.8432, 0.3102,
0.3061

■ 67.5951, 0.3078,
0.2864

■ 71.0178, 0.3125,
0.2788

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.1099, 0.4103, 0.4978



47.1099, 0.3205, 0.5111



47.1099, 0.2334, 0.4419

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.1099, 0.3205, 0.5111



47.1099, 0.1602, 0.1961



47.1099, 0.4703, 0.3023

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.1099, 0.3205, 0.5111



19.6379, 0.2876, 0.1774

Split Complementary

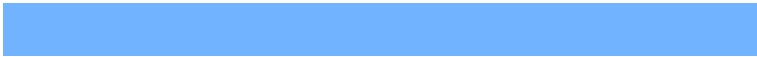
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.1099, 0.3793, 0.2442



47.1099, 0.3205, 0.5111



47.1099, 0.2023, 0.1857

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.1099, 0.3205, 0.5111



47.1099, 0.1501, 0.2411



47.1099, 0.2782, 0.2031



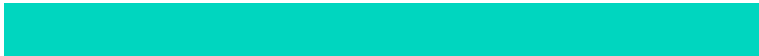
47.1099, 0.5073, 0.3685

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.1099, 0.3205, 0.5111



47.1099, 0.1893, 0.3663



47.1099, 0.2782, 0.2031



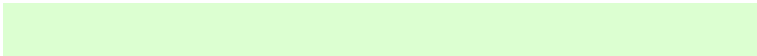
47.1099, 0.4442, 0.2816

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.1119, 0.3205, 0.5111



91.2828, 0.3169, 0.3773



44.3215, 0.4165, 0.4409



19.2740, 0.3176, 0.3860



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.1119, 0.3205, 0.5111



75.5192, 0.3182, 0.5489



46.2132, 0.2876, 0.4721



12.6588, 0.3150, 0.3527



27.5926, 0.3091, 0.5928



1.4588, 0.3232, 0.5816

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.6379, 0.2876, 0.1774



25.9195, 0.2797, 0.1518



21.8351, 0.3594, 0.2222



11.2693, 0.3102, 0.3059



7.3184, 0.2640, 0.1228



0.4100, 0.2757, 0.1292

Previews

White Background



This preview shows how the Yxy color 47.1099, 0.3205, 0.5111 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 47.1099, 0.3205, 0.5111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1099, 0.3205, 0.5111

Background



This preview shows how black text looks on a background with the Yxy color 47.1099, 0.3205, 0.5111.



This preview shows how white text looks on a background with the Yxy color 47.1099, 0.3205, 0.5111.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.1099, 0.3205, 0.5111

Protanopia

46.5205, 0.4141, 0.4548

Deuteranopia

46.3304, 0.4299, 0.4214



Tritanopia

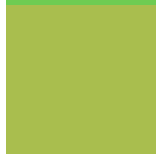
46.7531, 0.2598, 0.3070

Trichromacy



Original Color

47.1099, 0.3205, 0.5111



Protanomaly

45.8120, 0.3761, 0.4767



Deuteranomaly

44.9306, 0.3857, 0.4538



Tritanomaly

46.4485, 0.2835, 0.3792

Monochromacy



Original Color

47.1099, 0.3205, 0.5111



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

38.9774, 0.3182, 0.3964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1099, 0.3205, 0.5111 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(110, 204, 82)` looks like.

```
.text, #text, p{  
    color:rgb(110, 204, 82)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(110, 204, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 204, 82) }
```

Border

The CSS property to change the border of an element to Yxy 47.1099, 0.3205, 0.5111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 204, 82) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(110, 204, 82) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(110, 204, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 204, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 204, 82);  
box-shadow:4px 4px 4px 4px rgb(110, 204,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1099, 0.3205, 0.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 204, 82) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(110,  
204, 82) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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